



Green House



CATALOGUE

Sustainability Built Your Way

Company
Profile

We Build What
You Imagine.

You Design,
We Deliver.



Table of content

About us	01
Construction Types	02
Structures	03
Materials	04
Our Collaborative Process	05
Projects	06

About us

GreenHouse L.L.C. is a leading Kosovar company specializing in the production of eco-friendly, high-quality prefabricated wooden homes for both domestic and international markets. By combining innovation with craftsmanship, GreenHouse delivers fully customizable designs tailored to individual preferences, ranging from modern to classic styles. Each home is crafted to reflect the unique needs of its owner and is backed by a 10-year quality warranty, underscoring the company's commitment to excellence and adherence to the highest construction standards.

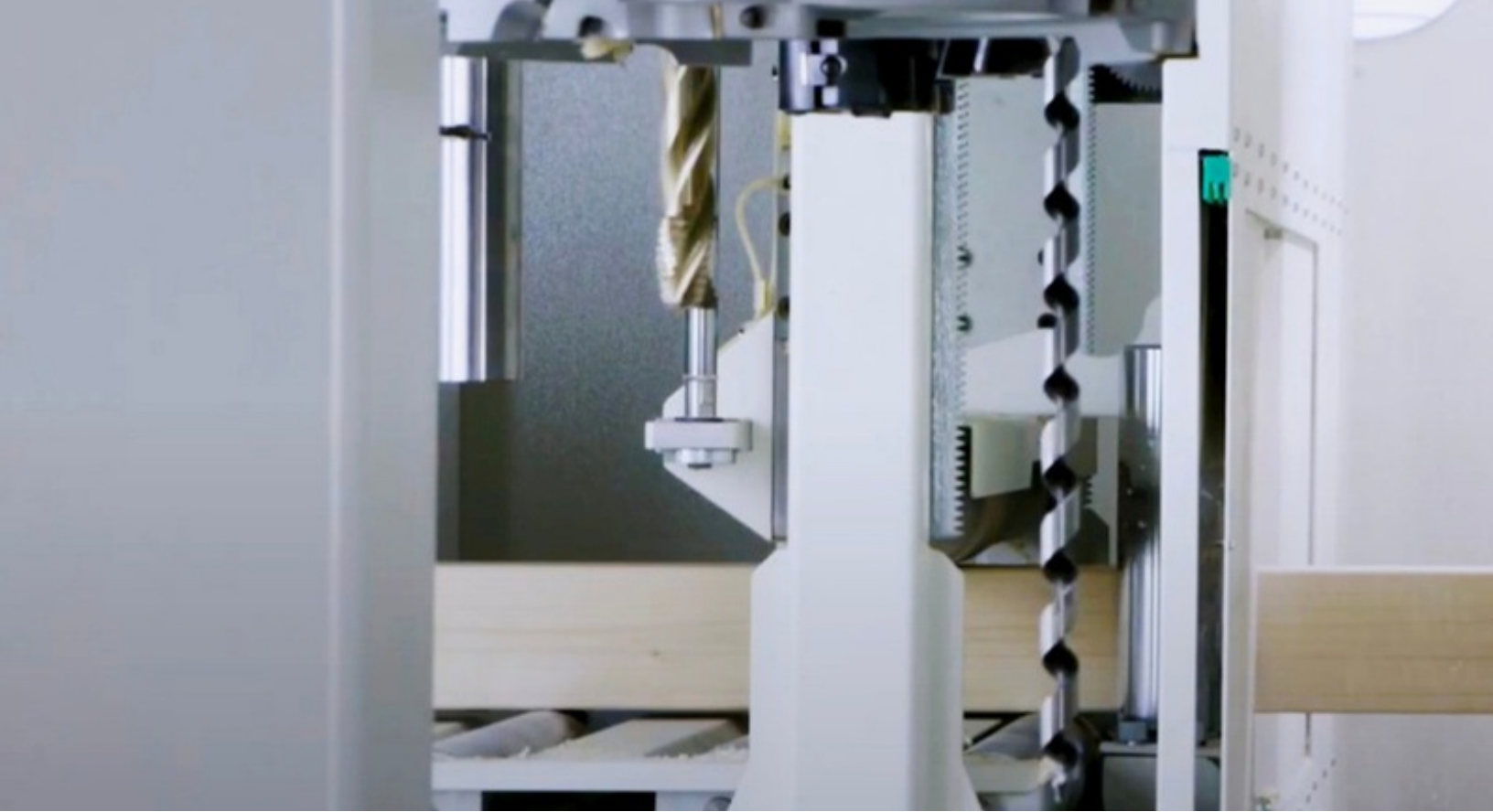
Strategically located along the main Pejë-Montenegro highway in the village of Radac, GreenHouse has been at the forefront of wood processing since 2015. Its state-of-the-art production facilities span 14,000 m² and are equipped with the latest Weinmann production lines, representing the pinnacle of modern wood-processing technology. These advanced facilities ensure optimized efficiency and premium product quality throughout every stage of production.



Operating on a single 8-hour shift, GreenHouse has the capacity to produce up to 250 prefabricated family homes annually. This capability highlights the company's focus on precision, sustainability, and reliability, further solidifying its position as a trusted leader in the prefabricated wooden home industry. With an unwavering commitment to innovation and craftsmanship, GreenHouse continues to set new standards for eco-friendly living.

Certificated:



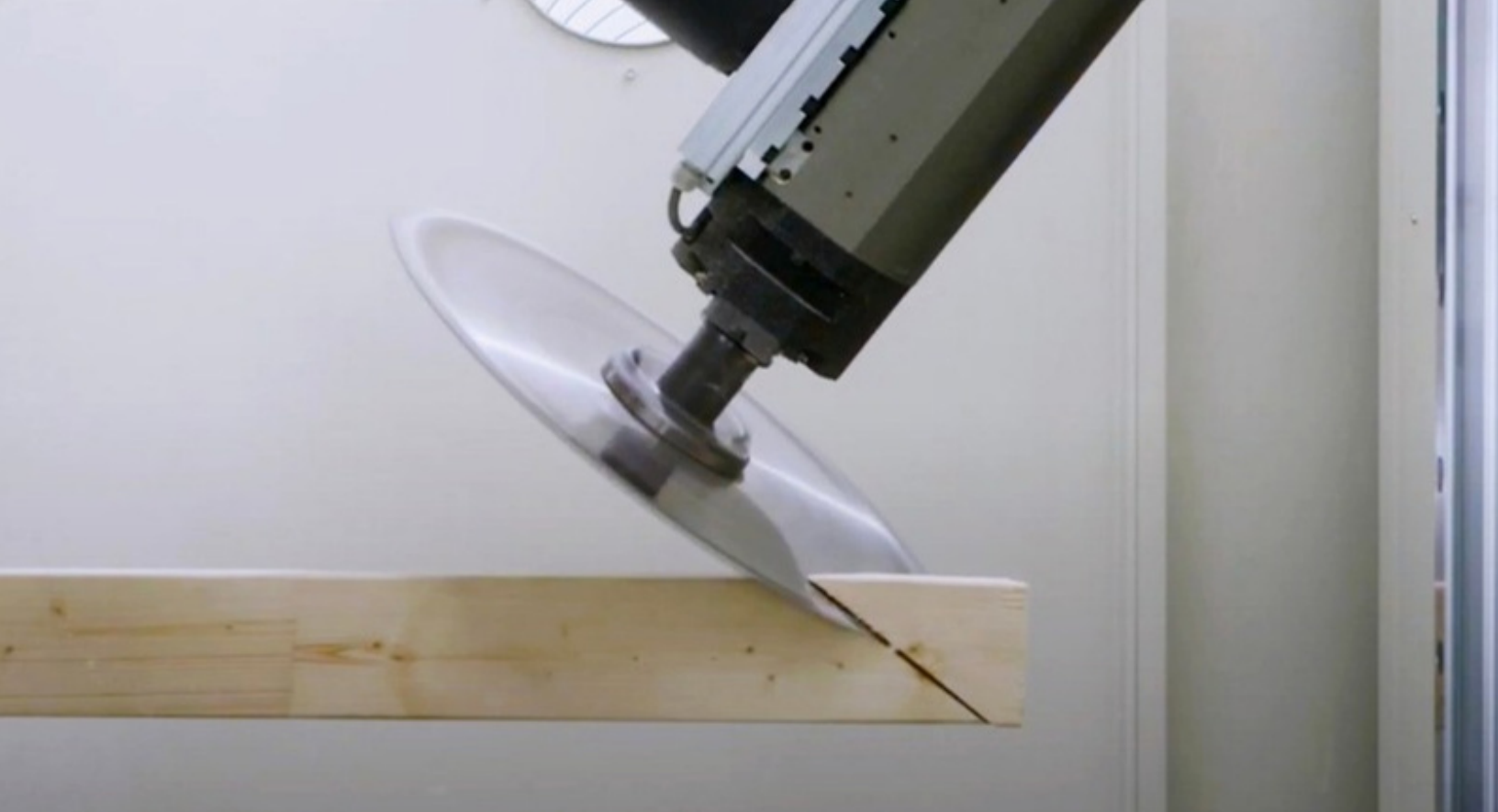


Mission

To create high-quality, eco-friendly prefabricated wooden houses that are customizable, affordable, and tailored to meet diverse client needs locally and internationally. We strive to make sustainable housing accessible, combining innovation, quality, and a client-centered approach.

Vision

To lead in sustainable housing by offering beautifully designed, adaptable wooden homes that redefine quality, affordability, and environmental responsibility. Green House aims to be recognized globally for innovation in green construction, creating homes that are both sustainable and uniquely suited to the lifestyles of our clients.



Values

- Innovation: Embracing new ideas for adaptable, eco-friendly designs.
- Quality: Ensuring high standards in every home.
- Customer Focus : Prioritizing client needs with customizable options.
- Integrity: Building trust through transparency.
- Affordability: Making quality housing accessible.

Goals

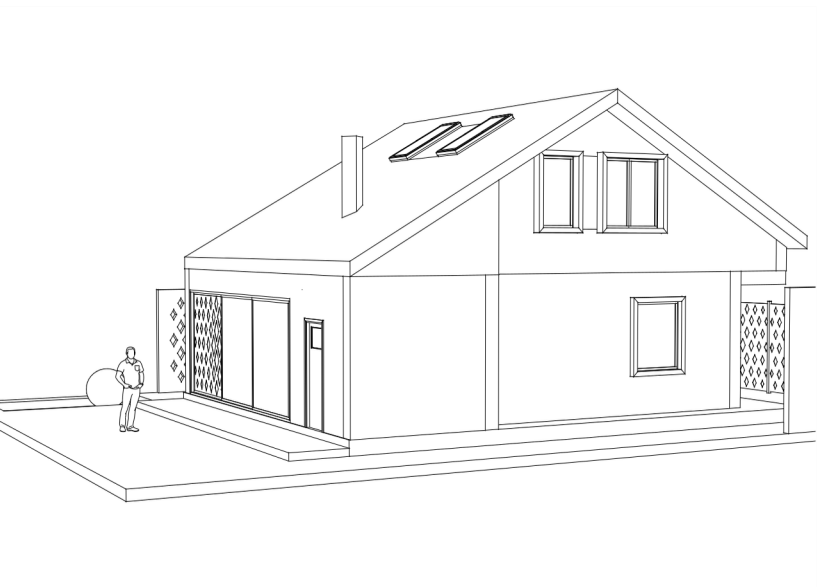
- Expand Reach: Grow in local and international markets.
- Enhance Experience: Streamline the client journey.
- Lead in Sustainability: Use sustainable practices and materials.
- Develop Our Team: Foster expertise and innovation.
- Achieve 100 Projects: Show versatility in meeting client needs.

02

Construction Types







Individual Houses

Standalone homes for a single family, offering complete, private living spaces with essential rooms like living rooms, kitchens, and bathrooms. Ideal for those seeking privacy and independence.



Duplex Houses

Two connected units sharing a common wall, allowing families to live close while retaining separate entrances and living spaces. Ideal for couples or families desiring proximity with more privacy than apartments.

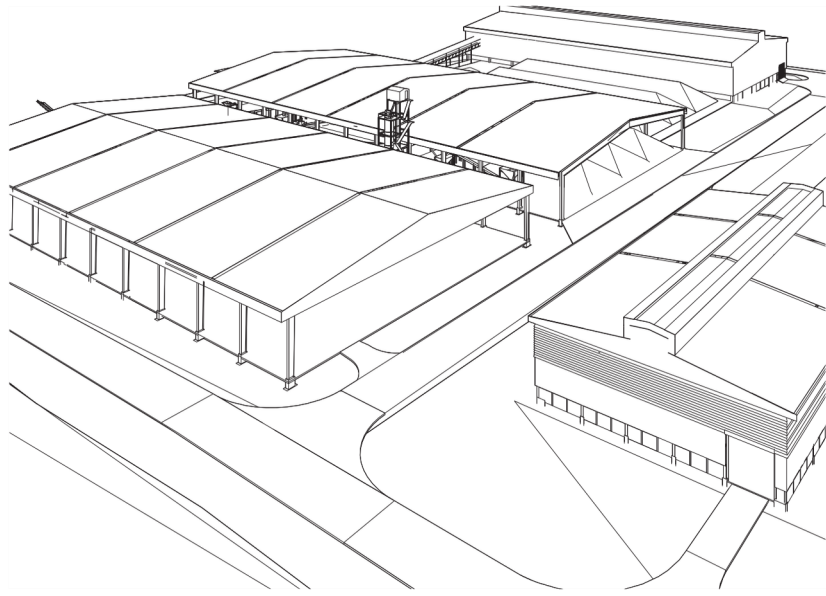


Row Houses

Homes built in a row, sharing common walls. Common in urban areas and housing clusters, row houses provide affordable, efficient housing in densely populated areas.

Industrial Buildings

Structures for industrial use (factories, warehouses) designed for flexible, efficient manufacturing or storage, sometimes with office space.



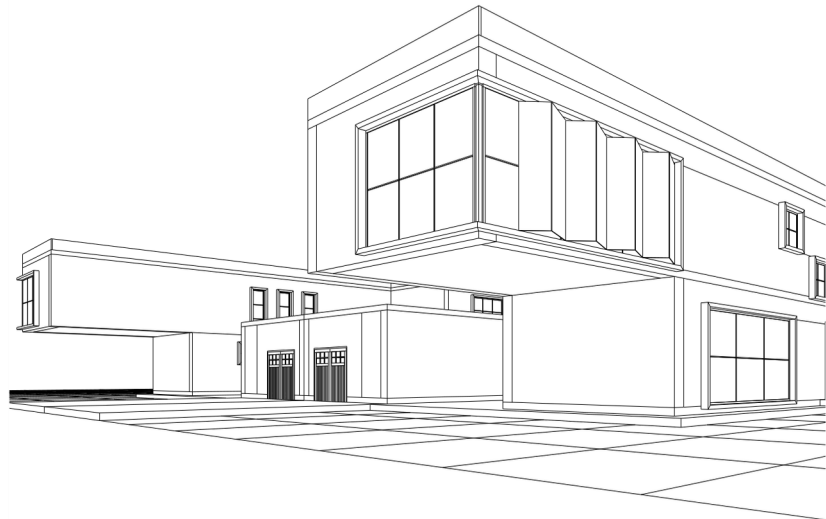
Collective Buildings

Large structures serving multiple people, like schools, hospitals, or hotels. Prefabricated timber suits these buildings for quick, durable, and efficient construction.



Extensions on Existing Buildings

Additions to current structures to create extra space or update usage, such as adding housing units or office spaces, without demolishing the original building.



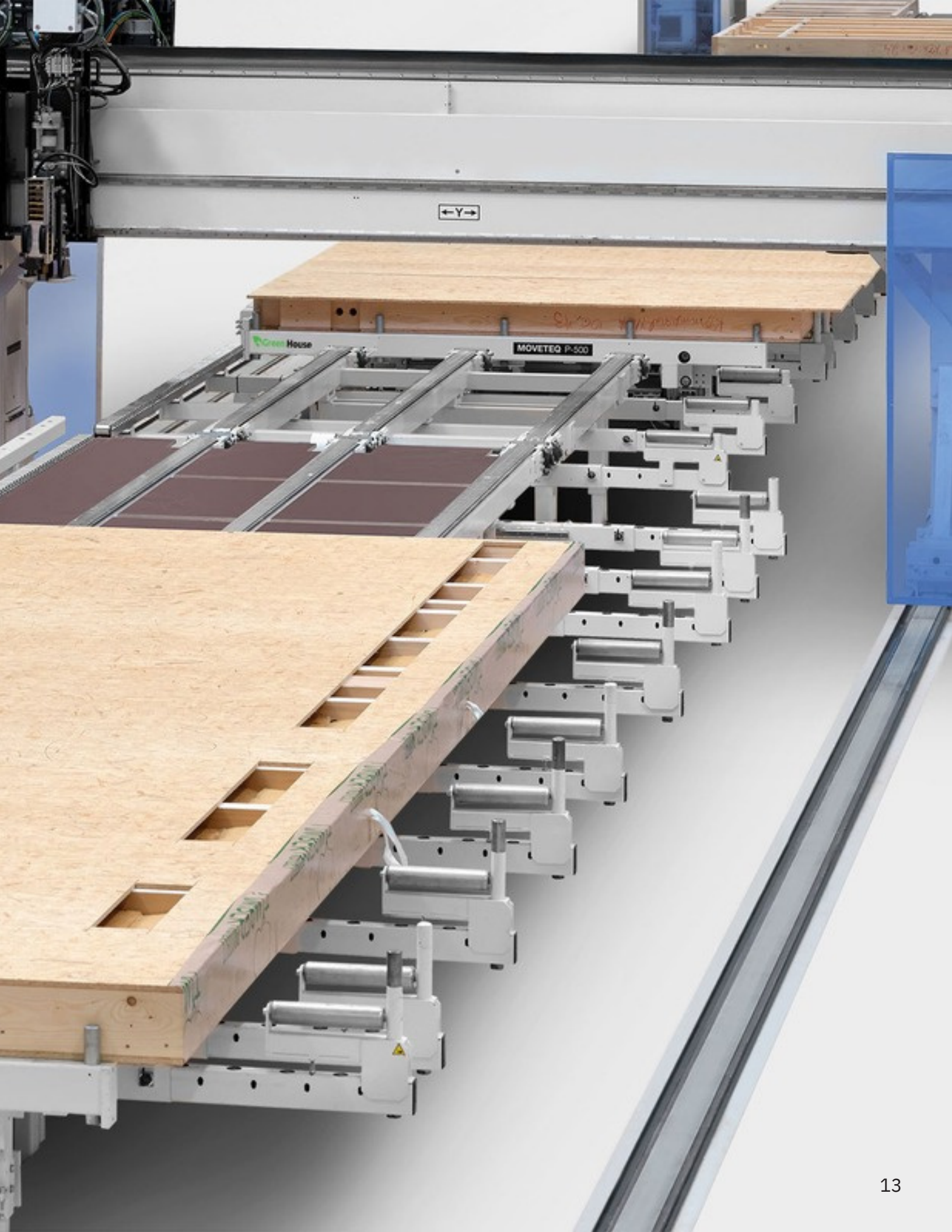
03

Structures

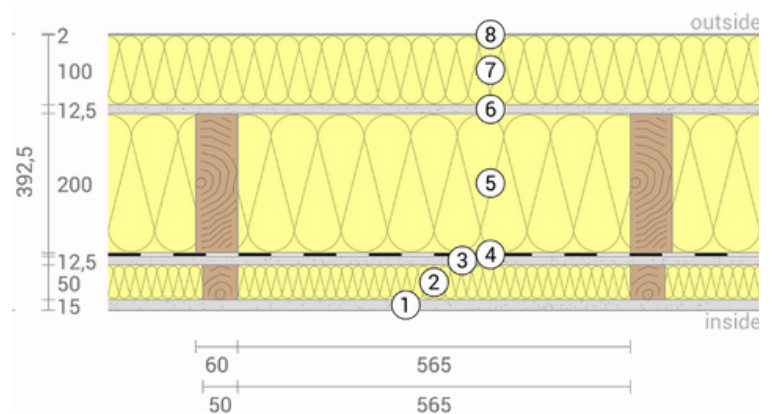
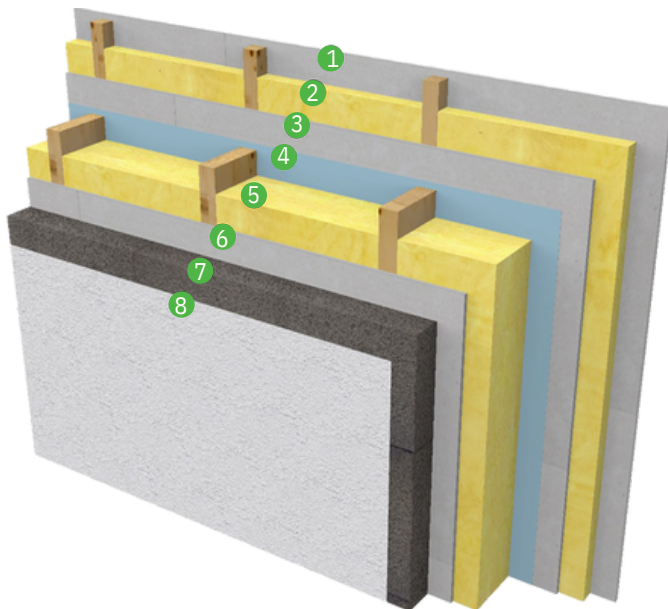


 **Green House**

BUILDTEQ A-500



External Wall 01



Thermal protection

$U = 0,11$ $W/(m^2K)$

GEG 2020/24 Bestand*: $U < 0,24$ $W/(m^2K)$

excellent

insufficient

Moisture proofing

No condensate

excellent

insufficient

Heat protection

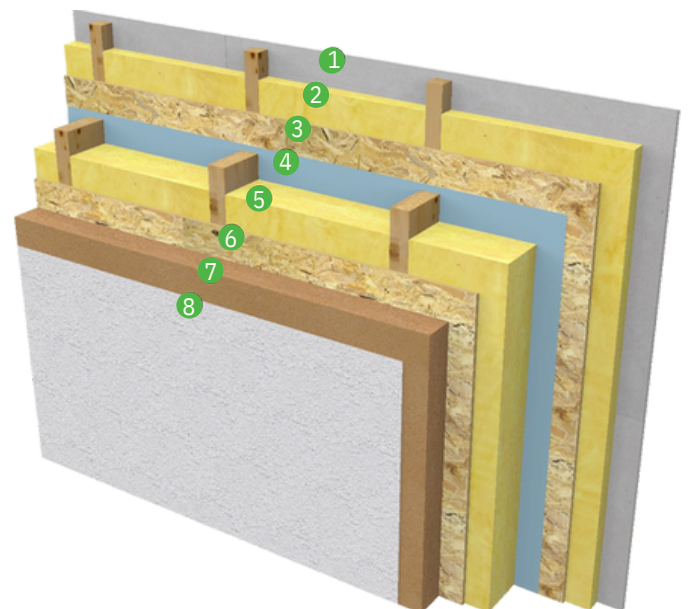
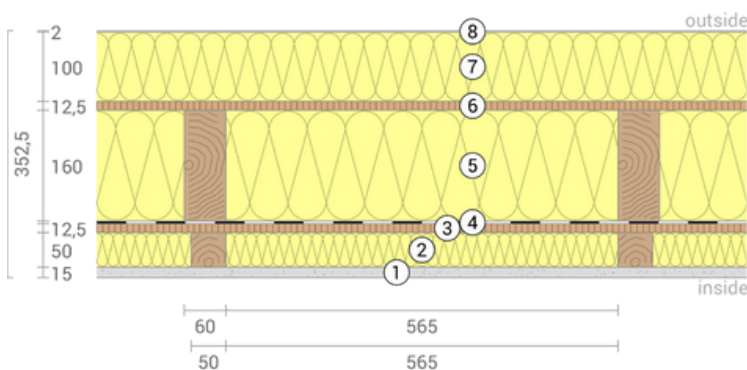
Temperature amplitudedamping: >100
phase shift: non relevant
Thermal capacity inside: 52 kJ/m^2K

excellent

insufficient

1. Fermacell Gypsum Fibre Board 15mm (15 mm)
2. Glasswool 35 (50 mm)
3. Fermacell Gipsfaser-Platte 12,5mm (12,5 mm)
4. Vapor barrier $sd=100m$ Glasswool 35 (200 mm)
5. Glasswool 35 (200 mm)
6. Fermacell Gipsfaser-Platte 12,5mm (12,5 mm)
7. Graphite Polystyrene (100 mm)
8. Lime-gypsum plaster (2 mm)

External Wall 02



1. Fermacell Gypsum Fibre Board 15mm (15 mm)
2. Glasswool 35 (50 mm)
3. OSB-Platte, OSB/3 (12,5 mm)
4. Vapor barrier $sd=100m$
5. Glasswool 35 (160 mm)
6. OSB-Platte, OSB/3 (12,5 mm)
7. Best wood MULTITHERM 140 (100 mm)
8. Lime-gypsum plaster (2 mm)

Thermal protection

$U = 0,13$ $W/(m^2K)$

GEG 2020/24 Bestand*: $U < 0,24$ $W/(m^2K)$

excellent

insufficient

Moisture proofing

No condensate

excellent

insufficient

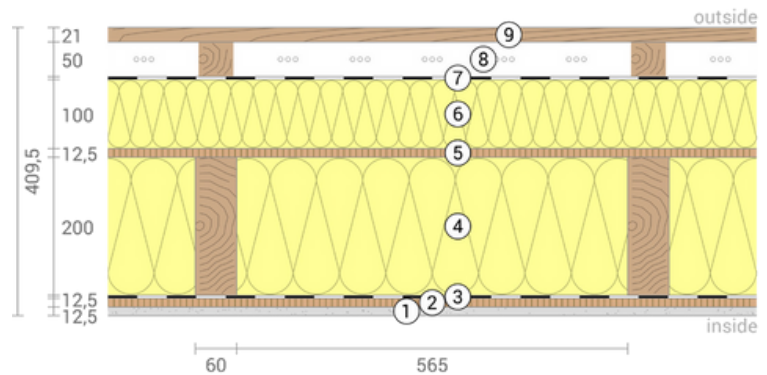
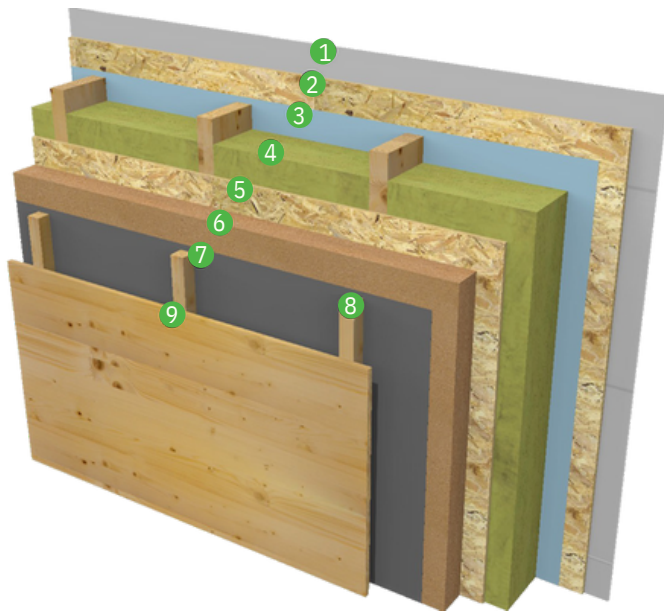
Heat protection

Temperature amplitudedamping: 93
phase shift: 16,0 h
Thermal capacity inside: 49 kJ/m^2K

excellent

insufficient

External Wall 03



Thermal protection
 $U = 0,14 \text{ W/(m}^2\text{K)}$

Moisture proofing
No condensate

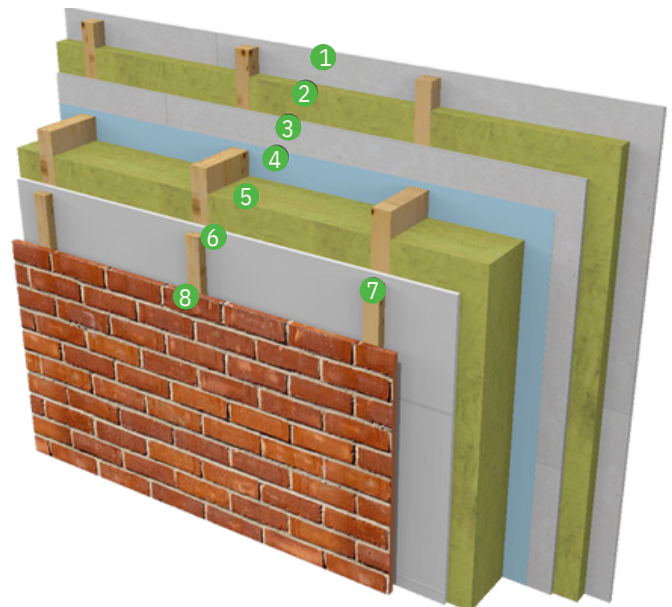
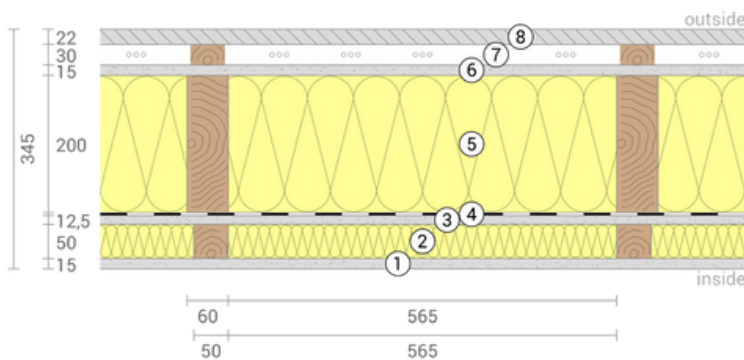
Heat protection
Temperature amplitudedamping: 59
phase shift: 15,2 h
Thermal capacity inside: 46 kJ/m²K

GEG 2020/24 Bestand*: $U < 0,24 \text{ W/(m}^2\text{K)}$

excellent insufficient excellent insufficient excellent insufficient

1. Gypsum board (12,5 mm)
2. OSB-Platte, OSB/3 (12,5 mm)
3. Vapor barrier sd=100m
4. Rockwool, stone wool (200 mm)
5. OSB-Platte, OSB/3 (12,5 mm)
6. Best wood MULTITHERM 140 (100 mm)
7. Breather membrane sd=0,1m
8. Rear ventilated level (50 mm)
9. Vorhangfassade (21 mm)

External Wall 04



1. Fermacell Gypsum Fibre Board 15mm (15 mm)
2. Rockwool, stone wool (50 mm)
3. Fermacell Gipsfaser-Platte 12,5mm (12,5 mm)
4. Vapor barrier sd=100m
5. Rockwool, stone wool (200 mm)
6. Fermacell Powerpanel HD (15 mm)
7. Rear ventilated level (30 mm)
8. Solid bricks (22 mm)

Thermal protection
 $U = 0,13 \text{ W/(m}^2\text{K)}$

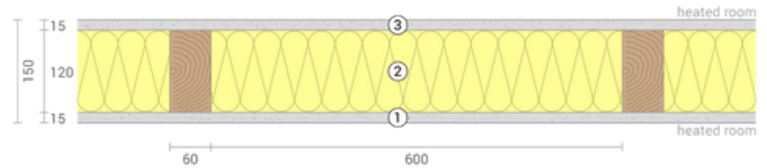
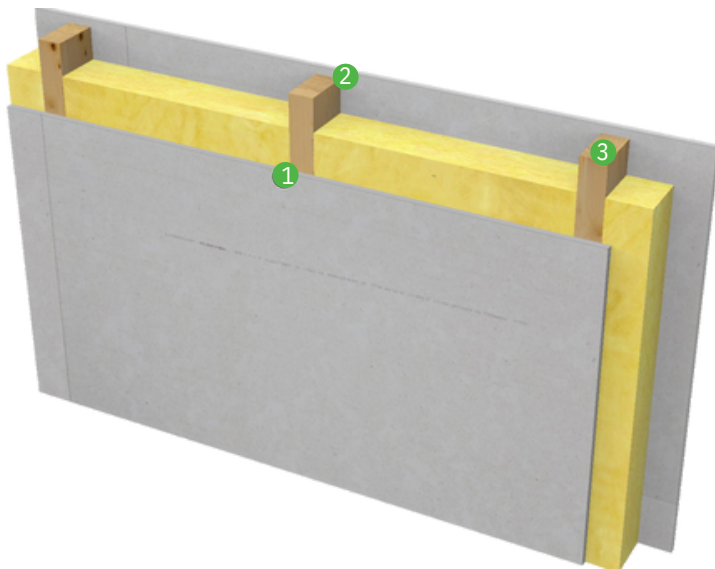
Moisture proofing
No condensate

Heat protection
Temperature amplitudedamping: 93
phase shift: 16,0 h
Thermal capacity inside: 49 kJ/m²K

GEG 2020/24 Bestand*: $U < 0,24 \text{ W/(m}^2\text{K)}$

excellent insufficient excellent insufficient excellent insufficient

Inside Wall 01



Thermal protection

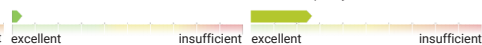
$$U = 0,32 \text{ W/(m}^2\text{K)}$$

Heated on both sides: No requirement*



Moisture proofing

No condensate



Heat protection

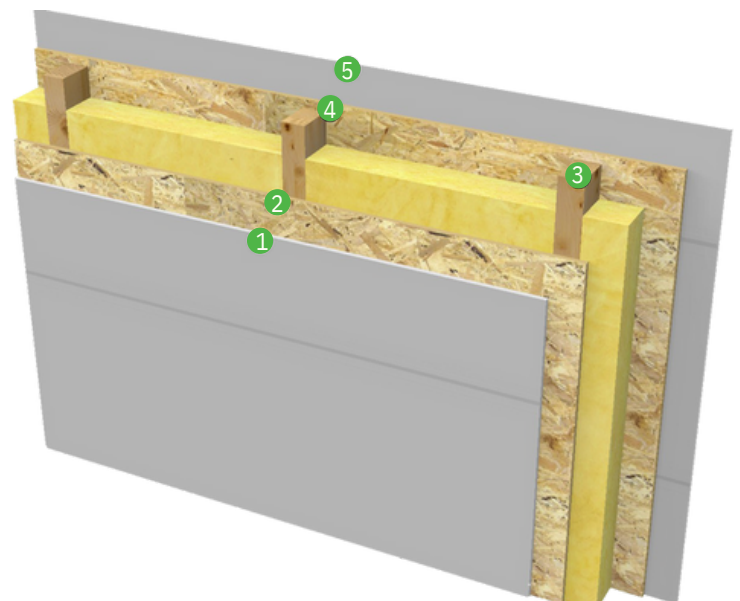
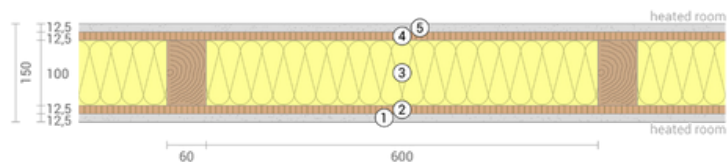
Temperature amplitude damping: 5,1
phase shift: 5,7 h

Thermal capacity inside: 23 kJ/m²K



1. Fermacell Gypsum Fibre Board 15mm (15 mm)
2. Glasswool 35 (120 mm)
3. Fermacell Gypsum Fibre Board 15mm (15 mm)

Inside Wall 02



1. Gypsum board (12,5 mm)
2. OSB-Platte, OSB/3 (12,5 mm)
3. Glasswool 35 (100 mm)
4. OSB-Platte, OSB/3 (12,5 mm)
5. Gypsum board (12,5 mm)

Thermal protection

$$U = 0,34 \text{ W/(m}^2\text{K)}$$

Heated on both sides: No requirement*



Moisture proofing

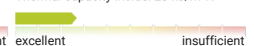
No condensate



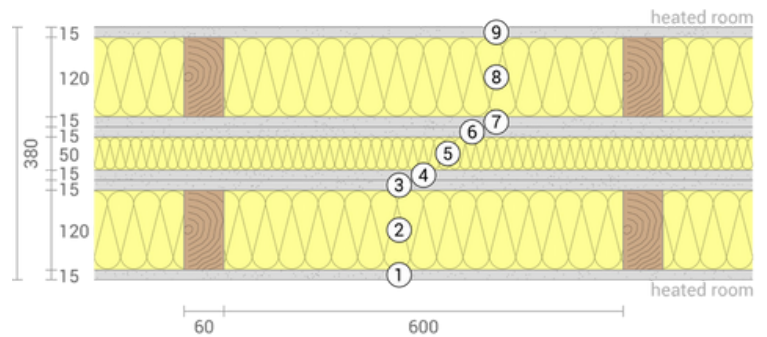
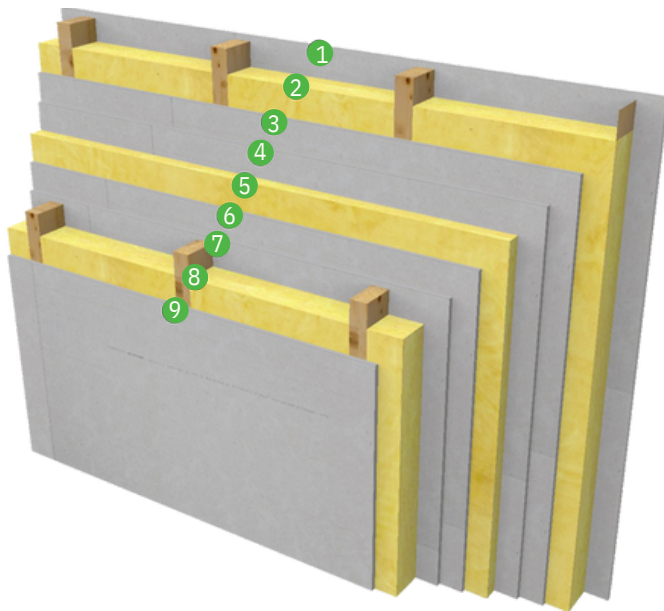
Heat protection

Temperature amplitude damping: 4,9
phase shift: 6,0 h

Thermal capacity inside: 23 kJ/m²K



Partition Wall



Thermal protection

$U = 0,13 \text{ W/(m}^2\text{K)}$

Heated on both sides: No requirement*



Moisture proofing

No condensate

excellent

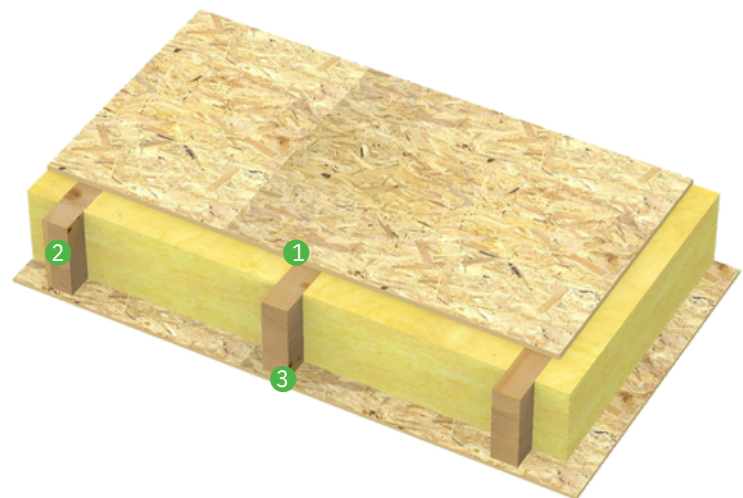
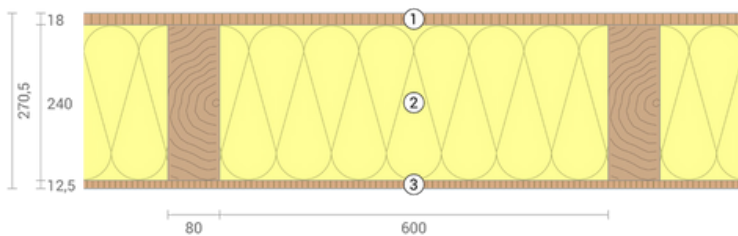
Heat protection

Temperature amplitudedamping: >100
phase shift: non relevant
Thermal capacity inside: 66 kJ/m²K

excellent

1. Fermacell Gypsum Fibre Board 15mm (15 mm)
2. Glasswool 35 (120 mm)
3. Fermacell Gypsum Fibre Board 15mm (15 mm)
4. Fermacell Gypsum Fibre Board 15mm (15 mm)
5. Glasswool 35 (50 mm)
6. Fermacell Gypsum Fibre Board 15mm (15 mm)
7. Fermacell Gypsum Fibre Board 15mm (15 mm)
8. Glasswool 35 (120 mm)
9. Fermacell Gypsum Fibre Board 15mm (15 mm)

Floor



1. OSB-Platte, OSB/3 (18 mm)
2. Glasswool 35 (240 mm)
3. OSB-Platte, OSB/3 (12,5 mm)

Thermal protection

$U = 0,17 \text{ W/(m}^2\text{K)}$

Heated on both sides: No requirement*



Moisture proofing

No condensate

excellent

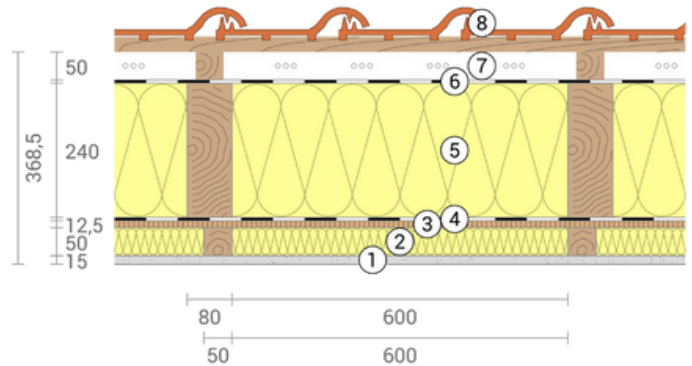
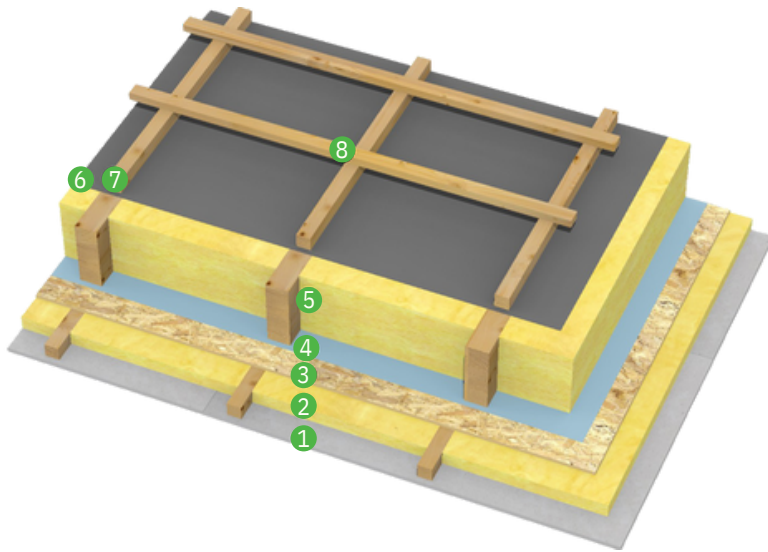
Heat protection

Temperature amplitudedamping: 10
phase shift: 7,2 h

Thermal capacity inside: 30 kJ/m²K

excellent

Roof



Thermal protection

$U = 0,15 \text{ W/(m}^2\text{K)}$

GEG 2020/24 Bestand*: $U < 0,24 \text{ W/(m}^2\text{K)}$

excellent

insufficient

Moisture proofing

No condensate

excellent

insufficient

Heat protection

Temperature amplitudedamping: 24

phase shift: 9,7 h

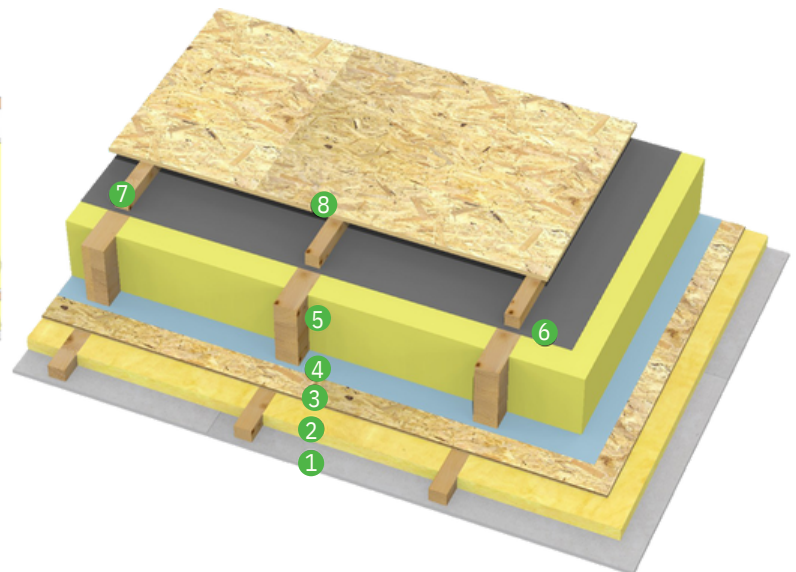
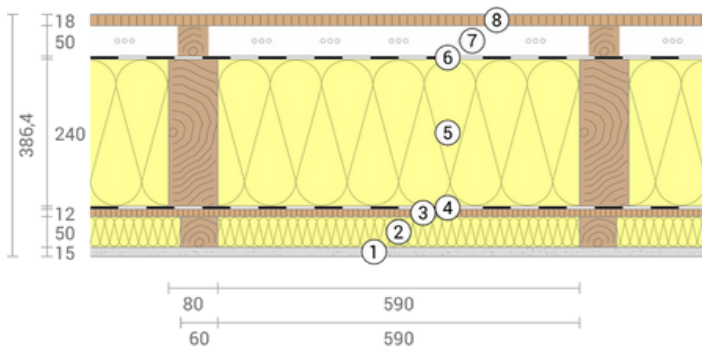
Thermal capacity inside: 41 kJ/m²K

excellent

insufficient

1. Fermacell Gypsum Fibre Board 15mm (15 mm)
2. Glasswool 35 (50 mm)
3. OSB-Platte, OSB/3 (12,5 mm)
4. Vapor barrier $s_d=100\text{m}$
5. Glasswool 35 (240 mm)
6. Breather membrane $s_d=0,1\text{m}$
7. Rear ventilated level (50 mm)
8. Roofing tiles (103 mm)

Flat Roof



1. Fermacell Gypsum Fibre Board 15mm (15 mm)
2. Glasswool 35 (50 mm)
3. OSB/3 (12 mm)
4. Vapor barrier $s_d=100\text{m}$
5. ROCKWOOL Varirock 035 (240 mm)
6. BauderTOP DIFUPLUS
7. Rear ventilated level (50 mm)
8. OSB-Platte, OSB/3 (18 mm)

Thermal protection

$U = 0,15 \text{ W/(m}^2\text{K)}$

GEG 2020/24 Bestand*: $U < 0,2 \text{ W/(m}^2\text{K)}$

excellent

insufficient

Moisture proofing

No condensate

excellent

insufficient

Heat protection

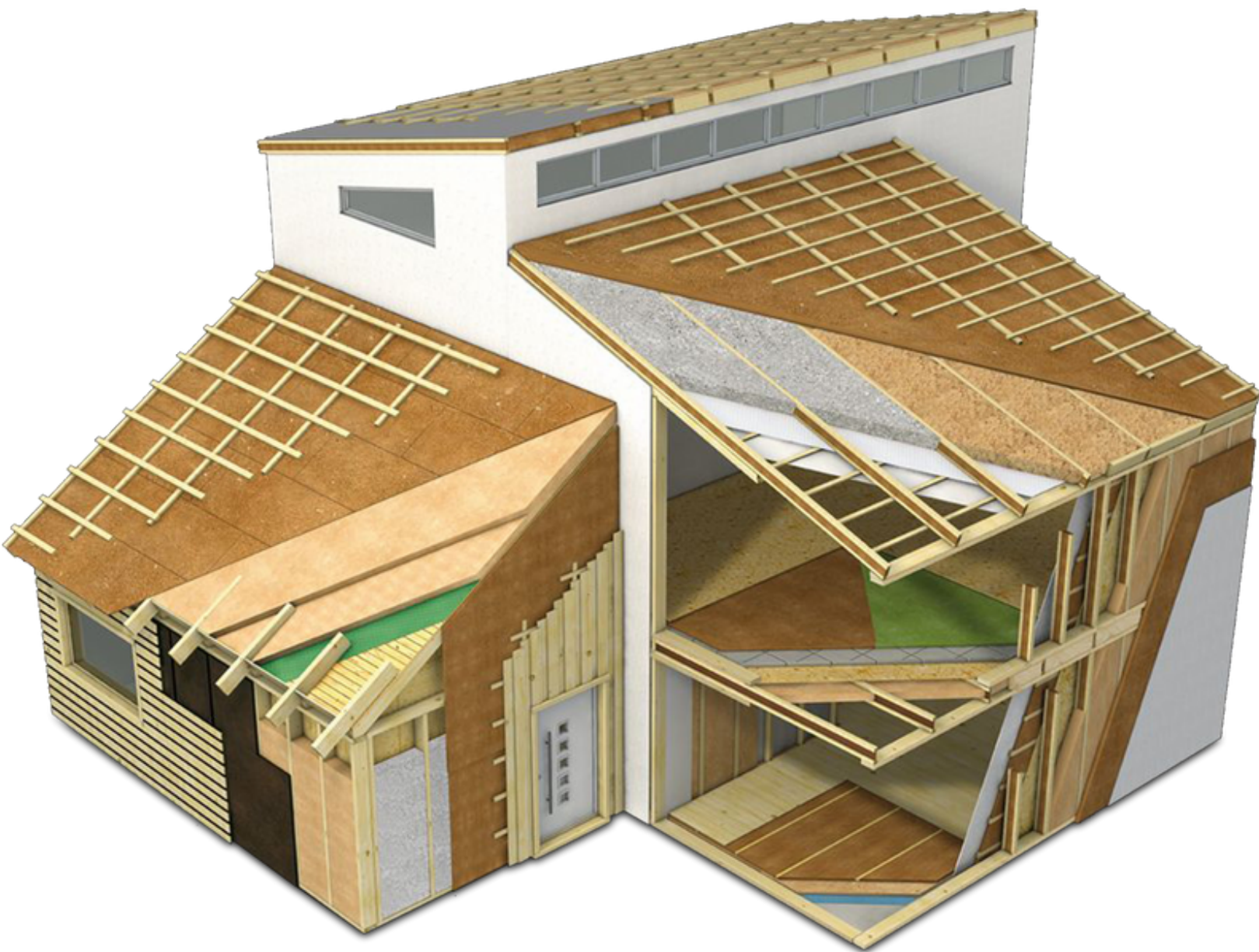
Temperature amplitudedamping: 27

phase shift: 11,0 h

Thermal capacity inside: 44 kJ/m²K

excellent

insufficient



04

Materials







Glued Laminated Timber



CLT – Cross Laminated Timber



OSB Panel



Wood Fibre Insulation



Different type of Gypsum Fibre Boards



Expanded Polystyrene (EPS)



Mineral Stone Wool



Glass Wool



Vapour permeable membrane

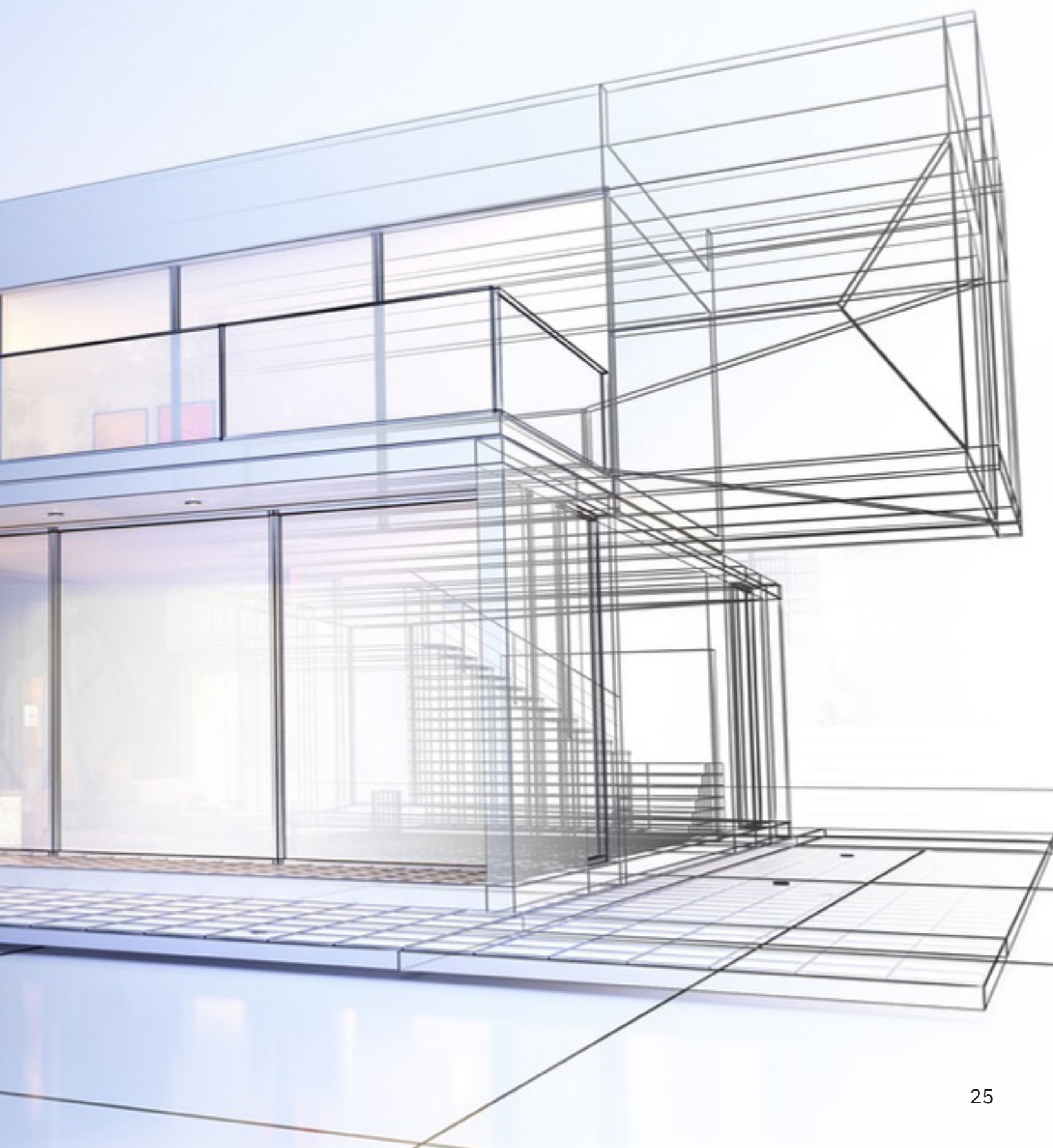


Vapour permeable membrane

05

Our Collaborative Process





Our Collaborative Approach

At GreenHouse, we excel in transforming client-provided designs into eco-friendly, prefabricated wooden homes. Our collaborative process ensures that your vision is brought to life with precision, sustainability, and unmatched quality. Here's how we work with you every step of the way:

1. Initial Consultation and Plan Review

The journey begins with a detailed consultation. Clients present their architectural plans, which we thoroughly review to understand the project's scope, design specifics, and unique requirements. This ensures we're aligned with your vision from the very start.

2. Tailored Project Planning and Customization

Once we've reviewed the plans, our team develops a customized project plan. This includes selecting sustainable materials, setting realistic timelines, coordinating logistics, and exploring any potential customization options to meet your preferences and sustainability goals.

3. Manufacturing and Quality Assurance

Using the approved designs, we begin manufacturing the prefabricated components in our state-of-the-art facility. Each element undergoes rigorous quality checks to ensure it meets our high standards for durability and eco-conscious construction.

4. Efficient Transportation and On-Site Assembly

After production, we handle the seamless transportation of materials to your site. Our skilled assembly team takes charge of the on-site construction, meticulously following your plans and maintaining open communication to ensure every detail aligns with your expectations.

5. Final Inspection and Project Handover

Upon completion, we conduct a comprehensive final inspection with you to confirm that every element matches your original vision. Additionally, we provide guidance on maintaining your home's quality and sustainability for years to come.

Why It Works

By respecting your designs, prioritizing precision, and integrating eco-conscious practices, GreenHouse ensures that every project is realized exactly as envisioned. Our process is more than collaboration—it's a partnership dedicated to turning your dream home into reality.

If you prefer, the section title could also be:

- From Plans to Perfection: Our Collaborative Process
- Bringing Your Vision to Life: Step by Step

Why Trust GreenHouse?

At GreenHouse, we offer a unique blend of precision, sustainability, and exceptional craftsmanship that sets us apart. Unlike conventional builders, we specialize in bringing your vision to life by working directly from your architectural plans. This approach allows you to retain full control over the design, while we focus on delivering unparalleled quality and eco-friendly solutions.

Our process begins with a detailed consultation where we carefully review your plans, ensuring we fully understand your goals, specifications, and any unique design elements. From there, our experienced team takes the reins, managing every aspect of production and assembly. We use only premium, sustainable materials, staying true to our commitment to the environment and to creating spaces that are as durable as they are beautiful.

Our advanced prefabrication methods guarantee precision and efficiency, ensuring that every component meets the highest quality standards. Once production is complete, we handle logistics, transporting materials to your site and assembling your home with meticulous attention to detail. Our skilled assembly team is dedicated to constructing each element with the care and accuracy that define Green House's reputation for excellence.

Transparency and communication are at the core of our process. We keep you informed and engaged every step of the way, allowing you to stay connected to your project while we expertly handle the complexities.

When you choose GreenHouse, you're entrusting your home to a partner who values your vision as deeply as you do. We recognize that building a home is a personal journey, and we honor that by respecting your design, prioritizing sustainability, and delivering exceptional quality and client satisfaction. GreenHouse is more than a builder—we're your partner in creating spaces that are thoughtfully crafted, environmentally responsible, and uniquely yours.



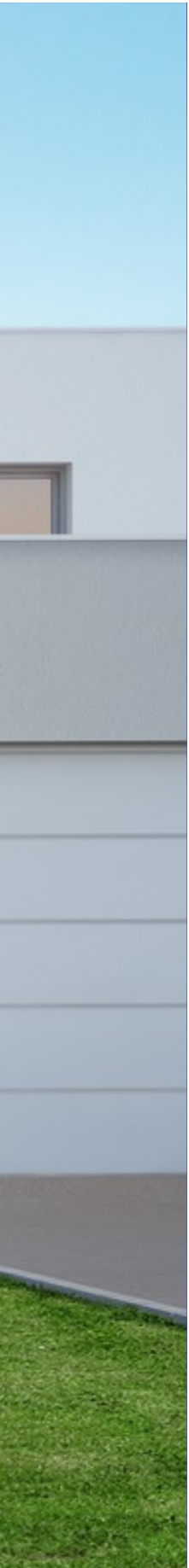
06

Projects











Where Every Detail Feels Like Home



A custom-built sanctuary designed around you, where each detail is thoughtfully crafted to bring comfort, beauty, and authenticity to every corner. More than just a house—it's a place that truly feels like home.

Expanding our global reach

GreenHouse is dedicated to creating sustainable, high-quality prefabricated wooden homes, reaching customers across a vast and diverse global market. Our mission is to make eco-friendly housing accessible to all, offering customizable and adaptable designs that cater to varied tastes and functional requirements, whether modern or traditional.



Every day, our team of skilled professionals works tirelessly to enhance our offerings, develop new solutions, and streamline international collaborations, ensuring that our unique housing options can be delivered and assembled efficiently anywhere in the world. With a commitment to affordability, integrity, and innovation, GreenHouse has built a reputation for excellence in every stage of home creation—from initial design consultation through production and final assembly.

By fostering partnerships and constantly evolving our techniques, we aim to make the dream of sustainable, personalized housing a reality for communities everywhere.





Phone

+383 45 931 371



Web

www.greenhouse.immo



Location

Rruga Rozhajes,
Radac, Peje 30000